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#### ONE SENTENCE DESCRIPTION

### Description

Uniontown- Replace wastewater treatment and collection system

Hayneville- wastewater treatment and collection system renovation

Centre- Installation of GAC filtration system and relocation of drinking water intake structure

Triana- Wastewater collection system repairs and expansion

Bayou La Batre- Wastewater effluent outfall extension to further protect shellfish harvesting

Marion- Upgrade drinking water treatment plant and distribution system

Childersburg- Wastewater treatment system upgrade

Adak – Construct new water treatment plant for this remote Aleutian Island community. The community currently has no way to treat its source of surface water.

Akiakchak – Completion of piped water and sewer system to provide first time service to the community. Only a portion of the homes in the community have running water and sewer.

Anchorage - Upgrades and expansion of the Girdwood Wastewater Treatment Facility to meet existing and future flows.

Elim – Replace failing water storage tank that has resulted in water shortages, outages and rationing.

Hooper Bay – Enhance existing wastewater lagoon with sludge disposal facility and secondary treatment and hydraulic storage cell. Wastewater lagoon is undersized by about half.

Juneau - Replace the water system within the Douglas Highway from the Juneau Douglas Bridge to Downtown Douglas at the Crow Hill pump station, approximately 8,500 feet of water system.

Juneau - Wastewater treatment plant headworks upgrades for two wastewater treatment plants.

Ketchikan - Replace failing water and sewer mains, including manholes.

Kivalina – Provide unserved homes with individual household water and sewer. Homes currently lack any running water or sewer. Upgrade water treatment plant in support of in-home service.

Matanuska-Susitna Valley - Design and construct a new septage and leachate facility to minimize disposal costs and environmental impacts in the Matanuska-Susitna Valley.

McGrath – Renovate water distribution system, converting it from a two-pressure driven system to a circulating distribution system with individual residential circulation pumps. Existing system is over 30 years old and subject to frequent failure.

Mountain Village – Replace upper water loop distribution system, repair services, and construct water storage tanks. Frequent pipe failure imposes a risk of catastrophic failure.

New Stuyahok – New water treatment plant to replace structurally failing facility that does not adequately treat the water for iron removal.

Nome - Replace aging wastewater collection piping.

Shageluk – Construct a piped water and sewer system for this remote Alaska community. Homes currently have no running water and sewer.

Shishmaref - Provide unserved homes with individual household water and sewer systems. Homes currently lack any running water or sewer.

Sitka - Wastewater treatment plant heating ventilation and cooling upgrades.

Unalaska, Alaska - Design and construct a second 2.6 million gallon chlorine contact tank at the water treatment plant.

Venetie – Replace structurally failed water treatment plant and washeteria. Community currently lacks a community potable water supply and basic sanitation facilities.

Wainwright - Water treatment plant addition including garage/maintenance room, mechanical room for heat exchangers and pumps, chemical storage, office, and storage areas.

Arkadelphia - Planning and design services for water and wastewater service to new industrial plant Bayou Meto Irrigation District- Continuation of construction - 65% Federal - 35% non federal

Calion - Additional funds needed for sewer collection and treatment system to provide service to 120 residents within city limits

CAW - Pump station rehab

Eudora - Water line replacement and rehab of water treatment plant

Faulkner County - Rocky Gap -

Additional funds needed for water line extensions to provide service to approximately 49 residents

Fort Smith - Collection upgrades and pipe replacement

Gould - Water line and meter replacement

Little Rock - Collection upgrades and pipe replacement

Lonoke County - Furlow - Wastewater treatment system for approximately 530 residents

Nashville- Treatment plant improvements

Scranton - Water line replacement

Turrell - Rehab of water distribution system and sewer treatment plant

White River Irrigation District - Continuation of construction - 65% Federal - 35% non federal

Wooster - Water System Improvements

City of Durango: The project consists of renovating the existing City of Durango Wastewater Treatment Plant in the current location, utilizing a Johannesburg secondary process to address capacity issues and to meet nutrient effluent limits, and includes additional facility upgrades and improvements.

City of La Junta: The project consists of wastewater treatment plant upgrade to include new influent headworks, pumps, metering, grit collector, new grit building, oxidation ditch, clarifiers, new return activated sludge building, generator, chemical storage, disinfection, waste sludge gravity thickener, digesters, and control building rehabilitation.

Town of Bennett: The project consists of constructing a new mechanical wastewater treatment facility to replace the existing lagoon system.

Town of Buena Vista: The project consists of construction of wells with treatment, a storage tank, and main lines.

Town of Burlington: The project consists of constructing a centralized blending system to connect two new wells, and six existing wells to a central location; including transmission mains, ground storage tank, control system, and distribution system upgrades.

Town of Crested Butte: The project will update the existing treatment facility and provide required redundancy by increasing the facility capacity to .75 MGD and 2,696 ppd of BOD5; improvements include replacing the existing UV disinfection system, replacing the mechanical bar screen and grit collection system, and constructing a second oxidation ditch.

Town of Merino: The project consists of an ion exchange treatment system, distribution system upgrades, a new 90,000 gallon elevated water tank, water meters, a new treatment building constructed at the current well site, residuals transmission line, and residuals holding ponds.

Town of Fowler: The project consists of upgrades to the wastewater treatment facility, aerators, and installation of ultraviolet light for disinfection.

Metropolitan District Commission - Hartford: Sewage sludge processing upgrades at the Hartford treatment plant

Greater New Haven Water Pollution Control Authority - New Haven: Combined sewer overflow removal project in the West River watershed in New Haven

Torrington: Treatment plant upgrade including nitrogen and phosphorus removal

Metropolitan District Commission - Hartford: Removal of combined sewer overflows from the Kane Brook area in Hartford

Plainville:Treatment plant upgrade including phosphorus removal

Killingly: Treatment plant upgrade including phosphorus removal

GROTON UTILITIES/Groton: Water Treatment Plant Upgrade

METROPOLITAN DISTRICT COMMISSION/Bloomfield: Transmission Main Hydraulic Improvements

REGIONAL WATER AUTHORITY/Greater New Haven: Automated Meter Reading Phases III & Iva

METROPOLITAN DISTRICT COMMISSION/Greater Hartford: Automated Meter Reading - Phase IV

NORWICH PUBLIC UTILITIES/Greater Norwich: AMI Water Meter Replacement Program

METROPOLITAN DISTRICT COMMISSION/Bloomfield: Reservoir #6 Water Treatment Facility Filtered Water Basin Rehab

METROPOLITAN DISTRICT COMMISSION/Wethersfield: Garden Street Area Water Main Replacement

REGIONAL WATER AUTHORITY/West Haven: Burwell Hill Tank Replacement

REGIONAL WATER AUTHORITY/Derby: Ansonia-Derby Atm Storage Tank

NORWICH PUBLIC UTILITIES/Norwich: Mohegan Park Water Tank

WATERBURY WATER DEPARTMENT/Waterbury: Rehabilitations and Replacement of Water Mains 2016

SOUTHINGTON WATER DEPARTMENT/Southington: Well #2A Construction Project (Well #2 Back-up)

BETHEL WATER DEPT/Bethel: Hoyts Hill Booster Pump

REGIONAL WATER AUTHORITY/Hamden: North Sleeping Giant Well Replacement

City of Rehoboth Beach - Ocean Outfall Disposal for Treated Wastewater

City of Rehoboth Beach - Wastewater Treatment Plant Upgrade

City of Rehoboth Beach - Wastewater Treatment Plant Biosolids Upgrade

Sussex County - Route 54 Sanitary Sewer Extension Project

Sussex County - Angola North Sanitary Sewer Extension Project

Kent County - Air System (Blower) Optimization Project

City of Dover - Del Tech Pump Station Replacement

City of Dover - Lepore Road Sanitary Sewer Upgrade

City of Dover - Tar Ditch Interceptor Project

DNREC - NVF Wetlands Creation, Soil Contamination & Flood Mitigation

City of Lewes - Savannah Place Sanitary Sewer Extension Project

City of Harrington - Sewer Capacity Improvement Project

Town of Smyrna - North Duck Creek Sanitary Sewer Extension Project

City of Wilmington - Wetland Restoration, Conservation, Flood Mitigation

Town of Millsboro - Pump Station Generator Installation Project

Town of Millsboro - Pump Station Replacement Project

Town of Milton - Wastewater Treatment Plant Upgrade Project

City of Wilmington - Water Main Improvement Project City of Dover - Water Treatment Plant Improvements

Apopka - Upgrade and expand the Water Reclamation Facility to a flow rate of 8.0 million gallions per day Daytona Beach- Palmetto Street force main (FM) project. Reroute flow from two 16" FM through a new 36" ductile iron FM

Miramar - Construction of gravity sewers, a lift station and force mains to serve 775

Cape Coral- expand city's existing collection system to approximately 3,000 homes on septic tanks in the North 2 service area

St. Augustine - Drinking water main replacements

Highland beach- improve water treatment plant and replace asbestos and lead service pipes Miramar- New wellfield(water supply), upgraded water treatment(membrane)

Cape Coral- Expand drinking water and reclaimed water mains to residents in North 2 Service area

Star Sewer and Water District:Construct lagoons
City of Blackfoot: Improve treatment and add interceptors
City of Malad: Add new lagoon and mechanical treatment
City of Kimberly: Upgrade collection system
City of Nampa: Upgrade treatment, collection lines and pumping
City of Spirit Lake: Add new water source
City of Rupert: Improve treatment and distribution, add source and meter
City of Coeur d'Alene: Add new storage facility
City of Filer: Improve treatment and distribution

Central Park PS Electrification, Chicago- Cook Co.

Phase 1B Biological Improvements, DeKalb Sanitary District- DeKalb Co.

Jardine Plant, Med. Voltage Electrical Improvements, Chicago- Cook Co.

Wet Weather Treatment Facility, city of Joliet- Will Co.

Consolidate Treatment @ Regional Plant - Group II Projects, Frankfort- Will Co.

New Filtration Facility, Rock Island- Rock Island Co.

Transmission Main from Reich Complex to Marion - Part 4A village of Oak Lawn- Cook Co.

New WTP, 2 new wells, & misc. improvements, Taylorville- Christian Co.

WWTP Improvements (Major), Batavia- Kane Co.

Phosphorus Removal Aux Sable & Westside WWTPs, city of Joliet- Will Co.

WWTP #2 Expansion & Upgrade, Village of New Lenox- Will Co.

Transmission main extensions to serve 4 new communities - Phase 3 CLJAWA-Lake Co.

Critical Sewer Rehab Phase III, city of Decatur- Macon Co.

W. Washington St. Drainage Improvements Phase 2, city of Champaign- Champaign Co.

Jardine Plant, Chlorine Improvements, Chicago- Cook Co.

Transmission main extensions to serve 4 new communities - Phase 2, CLCJAWA - Lake Co.

Melvina Ditch Streambank Stabilization, Metropolitan Wastewater Reclamation District of Greater Chicago- Cook Co.

WWTP Expansion, Beecher- Will Co.

New Meters, city of Lansing-Cook Co.

Pump Station replacement and abandonment and force main relocation, city of Danville-Vermilion Co.

Construction of the Eastside Interceptor Sewer and pump station to take increased sewage flows to the Wastewater Reclamation Facility

As part of the City's Long Term Control Plan to reduce combined sewer overflows, separate sewers by constructing new storm sewers, regional detention, and a pump station

Design and construction of a new reverse osmosis water treatment plant

Address Infiltration and inflow into the City's sanitary sewer system utilizing a variety of rehabilitation techniques

Replace aging equipment, repair structures, implement nutrient removal, add biosolids storage at wastewater treatment facility

Installation of sanitary sewer in area currently on septic systems, implementation of green storm water infrastructure practices, and replacement of aging water main

Improve various treatment plant equipment to renew initial capicity, improve performance, improve reliability and improve life of treatment system

Meet schedule to comply with bacteria and nutrient limits by connecting to the regional Wastewater Reclamation Facility and upgrade capacity of sewers and lift stations

Sanitary sewer rehabilitation and replacement of lift stations to eliminate backup of sewage into residents' basements

Extension of water service to two small water systems to meet safe drinking water standards

To meet new water quality standards, installation of disinfection and ammonia removal in wastewater facility, and other improvements

Comply with current and future wastewater permitting requirements by construction of new extended aeration activated sludge treatment system

Stream daylighting for improved water quality, to mitigate flooding, and to manage stormwater

To correct water system deficiencies in pressure and bacteria, replacement of elevated water storage, construction of booster station, installation of larger water main, and new wells

Address deficiencies in source water through construction of three new wells

Construction of a new water treatment plant, wells, and piping to increase reliability in the water system

To meet new water quality standards, installation of disinfection and ammonia removal in wastewater facility

Upgrade of all water meters and addition of automatic reading system to improve accuracy of billing and financial operation

To comply with consent order to eliminate combined sewer overflows, construction of separate storm sewer system and replace deteriorated sanitary sewers

Replace aging water meters with a new advanced/smart metering system for increased accuracy and efficiency as well as enhanced customer service

Augusta/Brooksville Regional Sewer Project- Construct a new regional WWTP to serve the cities of Augusta and Brooksville that are currently served by two plants that are failing

City of Georgetown - Elimate two failing package treatment plants

City of Winchester- Eliminate two SSOs by replacing 3,200 lf sewer line.

City of Maysville - WWTP Upgrade

LFUCG - Stormwater Imptovements in Tuscon/Laramie Area

Daviess County Fiscal Court - Eliminate Friendly Park package plant and install a pump station and a forcemain to redirect flows to RWRA WWTP.

City of Jackson - Rehabilitation of 12 lift stations

LFUCG - Construction of Expansion Area 3 pump station and forcemain to eliminate SSOs.

City of Ashland - 29th street storm water separation project

Knott County Water & Sewer District - Replace an existing WWTP with a new one and rehabilitate sewer lines

City of Nicholasville - Construct a line and booster pump station to connect the potable water systems of the City of Nicholasville and Jessamine South Elkhorn WD

City of Salversville - Construct a 500,000 gallon water storage tank.

City of Fleming-Neon - Water Treatment Plant Upgrade

City of Louisa - Water line replacement to reduce water loss

City of Stanford - Water system upgrade to improve water pressure and replace aged lines

City of Olive Hill - Water line replacement in downtown area to reduce water loss

City of Parksville - Storage tank rehabilitation

Big Sandy Water District - Water line replacement to reduce water loss

McCreary Coutny WD - Water line replacement (Ph1 and Ph 2) to reduce water loss and improve service

Southern Water & Sewer District - Water line replacement to improve pressure

Baltimore SC-918H Back River Headworks Baltimore WC-1211 Ashburton Reservoir Baltimore WC-1204 Druid Lake Tanks Baltimore Fullerton Reservoir Baltimore SC-921 Gwynns Falls Sewershed Cumberland CSO Storage Phase I Prince George's Urban Stormwater Retrofit Westminster WWTP ENR Upgrade Conococheague WWTP ENR Upgrade

Lawrence - Sewer and Drainage Improvements to rehabilitate and replace sewer system defects and operational and maintenance issues.

Chicopee - Phase 5B Sewer Separation Project

Uxbridge - Wastewater Treatment Plant Upgrades

Hopedale - Wastewater Treatment Plant Upgrades

Brockton- Sewer Rehabilitation Project

Watermain Replacement in Burton

Watermain Replacement Select area #3 within the Great Lakes Water Authority

Cured in Place Watermain Rehab in Southgate

Trowbridge Area Watermain Improvement in Marquette Twp.

Distribution System Improvements and Service Lead Replacement in Flint

Watermain and Meter Replacement in Muskegon Heights

Chemical Addition for Corrosion Control in Collection System in Macomb Co Wastewater Drainage District

Replace and Improve MBR and Screening and Extend Relief Sewer in Dundee

Phase 2 for Influent Sewer Relief in East Lansing

Lift Station Improvements in DeWitt Charter Township

Biosolids Treatment, Dewatering, Storage and Septage Receiving at the Pontiac Drainage District Wastewater To

CSO Improvements in St Joseph

Rouge River Outfall Disinfection at the Great Lakes Water Authority Wastewater Treatment Plant

Fraser sewer line collapse

Tree Plantings for Stormwater Retention and Pollution Control Within the Huron River Green Infrastructure Dra

Pump Station and Lagoon Improvements in Lawrence

Combined Heat and Power Improvements in Kinross Township

Wastewater Treatment Plant Rehab and I/I Removal in Sewer Lines in Otsego

Collection System rehab and New Headworks at Wastewater Treatment Plant in Hudson

Sewer System rehab, Sectional and Full Cured in Place Pipeline Rehab

Ludington, City – Sanitary Sewer Imp Phase III

Beulah, Village – Water System Imp

Manton, City – Water System Imp

Iron Mountain-Kingsford Joint Sewage Authority – WWTP improvements

Bay Mills Indian Community – Water

Bay Mills Indian Community – Sewer System Improvements
Beecher Metropolitan District – Water System Improvements
Clio, City – Sewer system improvements
Caledonia Township – Water system improvements
Montague, City – Water system improvements
Quincy, City – Water system improvements
Farwell, Village – Water system improvements
Gladwin, City – Water system improvements
Saginaw County – Hemlock storm sewer

City of Big Timber: WTP improvements
Billings Heights WSD: storage improvements
City of Conrad: distribution improvmeents
Dry Prairie Regional: distribution improvmeents
Dry Red Water Regional: distribution improvmeents

Town of Circle: distribution improvements Town of Froid: storage improvements Town of Fromberg: general improvements

City of Laurel: WTP improvements City of Ronan: WTP improvements Wilsall WSD: storage improvements

Vaughn lagoon upgrade

Red Lodge Force Main and Lift Station

Polson new WWTP

Colstrip Phase 1 WWTP Upgrade

Cut Bank new WWTP

Livingston WWTP Upgrade

West Glendive Force Main and Lift Station

Lewiston Riverdale Collection System

East Clark Street Collection System

Big Timber Lagoon Upgrade

Billings WWTP

Remove nitrates from groundwater aquifer that is used for drinking water in Hastings, NE

WTP Rehabilitation and Water Main Replacement in Omaha, NE

WWTF upgrade; need final plans and specifications; are under an Order to upgrade facility in Fremont, NE Construction of new WWTF in York, NE

Missouri River WWTP Improvement Phase B2 in Omaha, NE

Routes storm water through ponds in park to keep out of the combined sewer system in Omaha, NE

Construction of new WWTF in Dakota City, NE

Sewer separation for 416 acre area, storm water retention facilities and wetlands in Omaha, NE

Construction of collection system, lift station and force main in Gretna, NE

Replace water tower, add well and transmission mains, and upgrade Water Treatment Plant at Adams, NE

Upgrade to Radio-Read water meters for Kearney, NE

New water well with new transmission main for Springfield, NE

Improvement to sanitary sewer system to reduce wastewater flows and install water meters in Clearwater, NE

Replace/Loop water main, replace water meters, and construct blending wells due to uranium and nitrate issues in Oshkosh, NE

Replace water well due to Selenium levels in Fullerton, NE

Rebuild the town's two-cell lagoon system and add a third cell in Hardy, NE

Interconnection with Washington County Rural Water No. 2 and a new public works building at Fort Calhoun, NE

Water main replacements for Trenton, NE

Construct 2-cell complete retention lagoon system in Gilead, NE

Sandblast and repaint the interior/exterior of water tower and other appurtenances at Clarkson, NE

Dayton: 10-mile water storage tank

Dayton: Rolling "A" Well #21

Douglas County: Replacement of 100 feet of intake pipe & addition of in-lake booster pump for Cave Rock

Ely: Addition of 12-inch water main to supplement water to the City's main pressure zone

Fernley: System rehabilitation including waterline replacement, tank recoating, well VFD upgrade, fire hydrant

replacement, pipe bridge rehabilitation

Fernley: Systemwide meter rehabilitation/improvements

Goldfield: Replacement of 62,590 feet of 6-inch AC transmission main from well field to treatment plant

Las Vegas: Water main replacements throughout City

Lovelock: 19,090 feet replacement/addition of transmission main for looping Lower Valley

Lovelock: Replacement of 58,080 feet of 16-inch AC transmission main from well field to storage tanks

N Las Vegas: West Cheyenne well replacement

Reno/Sparks/Washoe Co (TMWA): Verdi small systems consolidation

Dayton: 12" effluent pipeline & new 0.5 MGD RIB

Dayton: Sludge dewatering facility

Douglas Co: Replacement of deteriorated Meridian lift station

Fernley: Donner Trails lift station

N Las Vegas: Relinging of 30,000 feet of deteriorated concrete sanitary sewer

N. Las Vegas: NE interceptor - 5 miles of sanitary sewer to replace septic systems & provide for some growth

Sparks: Sewer main rehabilitation in the City

Tonopah: Construct additional treatment, storage, & reuse pipeline to serve reclaimed water to the lower zone of town

UNH/Durham Water Treatment Plant: UNH's water treatment plant was constructed in 1934 and is one of the oldest in NH. The current plant is in a vulnerable location next to the Oyster River and needs to be rebuilt to ensure safe drinking water to the UNH campus and Durham, NH. NHDES is also working with UNH/Durham/Lee on extending a water line to MtBE contaminated properties at the Lee traffic circle. UNH has awarded a design build contract and hopes to start actual construction of a replacement facility in 2017. Jobs will be created during construction and with the purchase of equipment manufactured in American.

Litchfield Merrimack River Crossing: Pennichuck Water Works needs an additional Merrimack River crossing and a new Merrimack River intake and connecting pipe to the treatment plant to ensure that sufficent drinking water is available to connect hundreds of PFC contaminated properties in Litchfield to public drinking water. The upgraded river crossing will also make future water extensions and development projects feasible beyond the immediate needs of the Litchfield connections.

Crown Point Road Area Water Line Project in Rochester: The Crown Point Road area has an MtBE and BTEX contamination problem and a water line is proposed to address that problem. Along the water line path there is a significant problem with high naturally occurring concentrations of metals in groundwater in multiple communities that would also be addressed.

Southern NH Regional Water System Interconnection Solution: Salem needs to have additional drinking water capacity, Plaistow would like to convert its fire supression system to a drinking water system and Windham would like to be able to connect the Exit 3 area to a public water system due to low aquifer yields. Severe drought in 2016 has impacted all of these communities and has created the need for a regional solution for the supply of safe and reliable drinking water.

Epping Water Line Extension: NHDES would like to extend a water line from the Epping Water District to 35 contaminated water wells associated with the Epping Auto Salvage and Tim & Joni salvage yard sites. Coakley Landfill Water Line Project: There is interest in bringing water to properties surrounding the Coakley Landfill superfund site.

Reconstruction of Ossipee Lake Dam - Spillway of the 125-year-old dam has deteriorated and in need of repair. Reconstruction will increase the discharge capacity of the dam and reduce flood damages during storm events.

Mendums Dam Phase III Construction/High Hazard Dam - construction of a stability butress on the downstream face of this 175-year-old dam to keep it from failing and inundate homes and major infrastructure downstream

Baker River Flood Control Dams/High Hazard Dams - Modifications necessary so that these flood control dams can safely store/pass that design floods without failing

Reconstruction of state-owned Bow Lake Dam (High Hazard), Chesham Pond Dam (High Hazard), Howe Reservoir Dam (High Hazard) and Lake Armington Dam (Significant Hazard) - Repairs to these deteriorated sate-owned dams to protect lives and property downstream

City of Farmington: Zone 2P replacement of cast iron water lines

Town of Red River: Replacement of storage tank and install booster station

Dona Ana Mutual Domestic Water Consumers Association (MDWCA): Install new well, tanks, and lines to regionalize

with and manage the out of compliance Picacho Hills water system

Cloudcroft Water System: Lead service line replacement

Blanco NDWCA: Emergency connection from Harvest Gold water system to Bloomfield water supply in order to be able

to serve compliant water

City of Carlsbad: WWTP effluent reuse phase 5B

Alburquerque Bernalillo County Water Users Association: Wastewater collection to eliminate septic systems

Village of Bosque Farms: Addition of second clarifier to add capacity; build and equip new sludge processing

City of Clovis: Water Conservation project, effluent reuse

Anthony Water and Sanitation DistrictReplace blowers and UV disinfection equipment for increased flows

San Juan County: Wastewater collection system to eliminate septic systems

City of Portales: Water storage system improvements

City of Santa Fe: Rehabilitate existing sewer lines with trenchless technologies Village of Eagle Nest: Close lagoon and remove sludge, liner and shed from site

Bluewater Water and Sanitation District: Construct a storage lagoon and update treatment plant

City of Jal: Lake well project to offset potable water use

Town of Red River: Replace and install Rotating Biological Contactors

Town of Red River: Upgrade sludge handling system

City of Moriarty: New well

North Star MDWCA: Replace pipe

North Star MDWCA: Replace water meters

Village of Cimarron: New Wastewater Treatment Plant and Disposal system

Nassau County is planning design and construction of facilities to divert the treated wastewater from the Bay Park treatment plant to the Cedar Creek treatment plant and its ocean outfall.

Suffolk County is in the process of planning and design to extend sewers to three dense areas and is building a new wastewater treatment plant at the Forge River watershed; additional work includes the replacement of an aging ocean outfall pipe and implementing innovative/advanced onsite wastewater treatment units.

Binghamton and Johnson City have a jointly owned wastewater treatment plant that has been severely damaged by flooding in 2006 and by Hurricanes Irene and Lee. This project will rebuild the plant while adding resiliency to protect against future flood events.

Oneida County is commencing a multiphase project that will eliminate sanitary sewer overflows to the Mohawk River, which is of significant environmental concern, while supporting the proposed Marcy Nanocenter. Located at SUNY Polytechnic Institute, the Marcy Nanocenter is a 450-acre greenfield site being developed for the semiconductor industry and is the largest shovel-ready semiconductor site in the world.

The City of Schenectady has experienced sewer overflows during wet weather. This project will repair some sewer lines and a pump station, as well as add additional capacity and upgrades to the treatment plant.

The Village of Wappingers Falls is upgrading their wastewater treatment plant and sewer system. Originally built in the 1960's, the upgraded plant and sewers will provide better service and cleaner water.

This project involves the consolidation of public water supply to serve contaminated wells as well as extend the distribution system in the Town of Orleans.

Buffalo Sewer Authority: Planning, design and construction of facilities to treat the discharge from the Smith Street CSO prior to entering the receiving water in order to improve water quality in the Buffalo River.

The hamlets of Leeds and Jefferson Heights have failing septic systems that have resulted in unpleasant odors, potentially unhealthy conditions, and impacts on both surface and ground waters. This project will construct new sewers that will drain to the Village of Catskill wastewater treatment plant.

The sewers of Ocean Beach regularly overflow when it rains. To solve this problem, the Village will replace the existing sanitary sewers and build a new stormwater collection sewer system.

Construction of water storage tanks and replacement of aged water mains in the City of Poughkeepsie.

Wayne County's four Lake Ontario bays are Sodus Bay, Port Bay, East Bay, and Blind Sodus Bay. This project will provide sewers to the Port Bay area in the Town of Wolcott, allowing septic tanks to be abandoned and improving the water quality in Port Bay. Wayne County is pursuing similar projects in the other 3 Bays.

The Town of Babylon will begin resiliency and redundancy efforts and the upgrading of mains, a new water treatment plant, storage, well, pump station, emergency power as well as the elevating of critical components above flood level.

The Village of Phoenix is upgrading their wastewater treatment plant and sewer system. Originally built in the 1970's, the upgraded plant and sewers will provide better service and cleaner water.

The Villages of Watkins Glen and Montour Falls currently own and operate their own independent wastewater treatment plants, both discharging into Seneca Lake. The plants are in need of significant upgrades. The proposed project will remove the two existing plants from service and construct a single regional wastewater treatment facility at a new location. This project is a regional priority of the Finger Lakes Region. Upon completion, the waterfront property where the Watkins Glen plant is currently located on Seneca Lake will be available for redevelopment.

The Village of Lake Placid will make improvements to the sanitary sewer system and install stormwater management practices on Main Street. The project will reroute upstream flow to a new sewer main, decommission an old pump station and install green infrastructure to improve water quality in Mirror Lake. Main Street runs along the perimeter of Mirror Lake and is the Village's business area and a major draw for tourists to the Village and the Adirondack region.

New wells and treatment, a new storage tank and a new distribution system in the Town of Oneonta.

Ellicottville is upgrading and expanding their wastewater treatment plant. This will help the growth of the community and the skiing resorts in the region.

Marcellus is upgrading their wastewater treatment plant. Originally built in the 1970's, the upgraded plant will provide better service and cleaner water.

Replacement of existing water distribution mains, along with associated hydrants, valves and water service connections on select streets within the Village of Wappingers Falls.

Enderlin- WM Replacement

Fargo- Sheyenne intake and pump station reliability improvements

Fargo- water tower improvements

Garrison - WTP & Supply

Hazelton - Well House Improvements

Jamestown- Watermain replacement (WTP to state hospital)

Jamestown- Filter bay renovations and media replacement

Jamestown- Watermain replacement

Jamestown - water meter replacement

Jamestown- WTP SCADA improvements

Jamestown - transmission main to improve flow to NE pressure zone

Lisbon- WM Replacement

Mapleton-Water Tower

Michigan - Water Tower Rehab

Oriska- Pump House

Sawyer- Water main replacement

Sykeston- Water tower and mains

Turtle Lake- Water tower replacement

Wing- Water tower replacement

**Grand Forks- Disinfection improvements** 

Harwood- Sanitary sewer main and forcemain improvements

Jamestown-Storm sewer rehabilitation

Jamestown-Storm sewer rehabilitation

Jamestown-Sanitary landfill expansion

Jamestown- Raker replacement, building update, and possible addition of grit screening equipment

Jamestown- Lift station SCADA replacement

Jamestown- Wastewater mechanical treatment facility rehabilitation

Kindred- Lift station, lagoon and forcemain

Pick City- Lagoon expansion

Wahpeton - Sanitary sewer improvements

Argusville- water and sewer replacement

Cando- water and sewer replacement

Cooperstown-water and sewer replacement

Glen Ullin- water and sewer replacement

Langdon- water and sewer replacement

Makoti - water and sewer replacement

McClusky - water and sewer replacement

Medina - water and sewer replacement

Towner - water and sewer replacement

Upham - water and sewer replacement

Wallhalla - water and sewer replacement

City of Napoleon WTP improvements to address HABs

City of Avon Lake interconnection with City of Elyria to address HABs

Trumbull Co. water line extension to regionalize West Farmington

City of Columbus projects (2) to improve Hap Cremean WTP

City of Cincinnati projects (13) to replace aging water mains

City of Athens WTP rehabilitation and upgrade

Village of Crooksville water line replacement project

City of Saint Marys WTP replacement project

City of Cleveland water service improvement (Richfield area)

SW Licking Comm. W&S District new WTP installation

NE Ohio Reg. Sewer District Doan Valley Storage Tunnel to control CSOs

Hamilton Co. Metropolitan Sewer District Lick Run Valley Conveyance System CSO and green infrastructure project

City of Columbus "Blueprint" projects (8) to control CSOs through I/I elimination and green infrastructure Programs for 51 county health departments to repair or replace failed home sewage treatment systems

Perry Co. – Moore's Junction project to provide sanitary sewers and a WWTP to a distressed Appalachian community

City of Piqua WWTP capacity expansion and SSO elimination

City of Toledo underground CSO storage basin

Hocking Co. – Murray City project to provide sanitary sewers and a WWTP to a distressed Appalachian community

City of Washington Court House WWTP expansion to eliminate wet-weather sewage bypassing

Athens Co. – US Rte 50 corridor project to install sewers and a WWTP to serve over 3000 people

Construct waterline to supply Town of Arcadia.

Construct waterline to supply Sequoyah Co. RWD #5.

Construct treatment plant, tanks, pump stations, and waterlines to regionalize 5 small water systems.

Replace Atoka waterline surge tanks

Draper water treatment plant pump station and intake improvements

Hefner water treatment plant electrical loop improvements

Draper water treatment plant superscraper improvements

Waterline replacements

Water treatment plant improvements

Construct water treatment plant to reduce arsenic and fluoride

Wastewater treatment plant improvements and engineering

Purchasing easements/design/environmental; construct waterline from Kaw Lake to Enid.

Construct new Sequencing Batch Reactor wastewater treatment plant

Lift station projects

Wastewater treatment plant improvements

Wastewater treatment plant improvements

Lift station projects

Construct new mechanical wastewater treatment plant

Wastewater treatment plant improvements, sewer lines, and new interceptor

Construct sewer lines and acquisition of easements

Town of Middletown – Replacement of Undersized Sewers (Town/City Line)

Town of Middletown – Upper Easton's Point Sewer Repairs

Town of Middletown - Bailey Brook Interceptor Repair/Lining

Narragansett Bay Commission – Greenville Avenue Sewer Extension

Narragansett Bay Commission – Contract 814.00C Bucklin Point WWTF Digester Gas Piping Replacement

City of Newport - Marsh St. Outfall Stormwater Collection System Improvements

City of Newport – Catch Basin Separation (2017)

City of Newport - Ruggles Ave. Pump Station and Force Main Repair

City of Newport – Sanitary Sewer Repairs

Town of North Kingstown – Wickford Village Sewer Extension

Town of Warren – WWTF Nutrient Removal Upgrade and Miscellaneous Improvements

Warwick Sewer Authority – NW Gorton Pond Sewer Extension

Warwick Sewer Authority – Gov. Francis III Sewer Extension

Warwick Sewer Authority - Bayside Sewer Extension

Warwick Sewer Authority – East Natick Phs. 3 Sewer Extension

Warwick Sewer Authority – Contract 95: Primary Settling Tank Rebuild

Warwick Sewer Authority – Cedar Swamp Pump Station Upgrade

Coventry Men's Club - new well

Cumberland Water – two new production wells

City of East Providence Water – water storage tank painting

City of Newport – Water Main Improvements

City of Newport – Lawton Valley Reservoir Dam Repairs

Portsmouth Water - Union Avenue Pump Station Rebuild

Providence Water – water main replacement

Woonsocket Water – design and initial construction of new water treatment plant

Due to lead/copper issues, iron pipes, and old infrastructure, need pipe and service line replacement and updates to pump station, storage tank, meters, & SCADA (City of Ranger).

Due to numerous violations a water system has been referred to the Texas Attorney General for enforcement and the system needs a new distribution system, well, ground storage tank, pressure tank, and storage pumps (Aero Valley Water System).

Due to arsenic and a lack of operator this extremely remote site needs arsenic treatment, repairs, disinfection, meters, operation and maintenance, and an operator (Candelaria).

An abandoned system has had numerous violations and needs a new distribution system, well, ground storage tank, pressure tank and service pumps or interconnection with adjacent water system (W. Oaks Phoenix).

Due to vioations of surface water rules and old infrastructure, need for a regional project to tie the City of Lawn and other area water systems into the City of Abilene (City of Lawn).

Due to radionuclides need treatment of tie into neighboring water system (Lake Texoma VFW).

Due to a failing sewer system, need to tie into the City of Kerrville for both water and wastewater service (Castlecomb Subdivision).

Buchanan County Service Authority - Grundy VA wastewater plant

City of Petersburg - replace pump stations

Wise County Pubic Service Authority - construction of new surface water intake rehab project

Town of Marion, VA - phase 2 waterline replacements

Town of Chincoteaque - water meter replacement project

Town of Colonial - Water Improvement Project (pumps, stroagetanks, water main and meters)

City of Algoma - Upgrade WWTP-Disinfection, Holding Tank/Screening/Controls/Elec

Village of Clinton - Upgrade Pump Station No. 2

Village of Clinton - Upgrade Pump Station No. 1

City of Fennimore - Upgrade WWTP; headworks, sludge, clarifier, digester, septage

Village of Denmark - Upgrade WWTP; clarifier drive and scum baffles

Village of Orfordville - Upgrade WWTP - thickening, storage and processing

City of Bloomer - Upgrade WWTP sludge handling capacity

Village of Rib Lake - Upgrade WWTF; construct biolotical treatment

### Village of New Auburn - Replace main lift station

Kemmerer Diamondville Joint Powers Board Tank Mixing Project to Address Disinfection Byproducts

High Meadow Ranch Water District Source, Distribution And Storage

Melody Ranch I&S District Valve Replacements/Repairs

Town of Moorcroft Water and Sewer Main Replacements

Town of Pine Bluffs Water Tank Project

Town of Star Valley Ranch Water Main Replacement

City of Rawlins Water Mains Replacement Project

Town of Opal Transmission And Storage Tank Project

City of Gillette Water Pipeline

Town of Glenrock Water Pipeline

Town of Thayne Storage Tank

Town of Wheatland Water Wells

City of Casper CY Booster Station Replacement

North Sweetwater Water & Sewer District Wastewater Regionalization & Sanitary Sewer Upgrades

Town of Pine Haven Sanitary Sewer Improvements

Town of LaBarge Lift Station Upgrades

Town of Buffalo Sanitary Sewer Lift Station Upgrade

City of Gillette Sanitary Sewer Main Replacement

City of Torrington Wastewater Treatment Plant Headworks Facility

City of Cheyenne 26th Street Sewer Interceptor

# BRIEF 2-3 WORD DESCRIPTION (e.g., planning & design, approved pending funding, out to bid, under construction)

# SIMPLE DOLLAR AMOUNT (e.g., \$500K, \$3.2M)

Stage	Amount
	\$20M
	\$15M
	\$5M
	\$1M \$5M
	\$5M
	\$4M
Total \$ for state:	\$55M
Planning and design	\$15M
Design	\$15M
Design	\$20M
Planning	\$2M
Planning and design	\$15M
Final design and construction	\$3M
Final design and construction	\$5.5M
Final design and construction	\$5M
Planning and design	\$5.5M
Design	\$1M
Planning and design	\$3.5M
Planning and design	\$9M
Final design and construction	\$5M
Final design	\$3M
Planning and design	\$15M
Planning and design	\$9M
Final design and construction	\$3M
Final design and construction	\$10M
Planning and design	\$4M

Final design and construction	\$9M
Total \$ for state:	\$638M
	\$5,000,000 \$582,000,000
	\$230, 323
	\$5,000,000 \$3,400,000
	\$900,000
	\$5,000,000 \$1,578,000 \$5,000,000 \$3,160,850 \$1,100,000 \$250,000
	\$3,000,000
	\$380,000,000
Total \$ for state:	\$2,530,000 <b>\$998,149,173</b>
Preparing final plans and specifications, WPCRF Loan	\$62.2M
Preparing final plans and specifications, WPCRF Loan	\$13,348,899
Final Design stage, CWSRF	\$5,994,000
Final Design stage, DWSRF	\$1,920,000
Out to bid, DWSRF project	\$4,430,000
Final Design stage, CWSRF	\$3,307,000
Out to bid, DWSRF project	\$2,315,000

Final Design stage	. CWSRF	\$1,800,000

Total \$ for state:	\$95,314,899
Total \$ for state:	\$95,314,899

Total \$ 101 state.	333,314,033
Design 90% complete and under review	\$48M
Project in design	\$11M
Project in design	\$65M
Project in design	\$21M
Project in design Project in design Project in redesign Design complete Under construction Under construction Design complete	\$13M \$22.5M \$42M \$13M \$8.6M \$5M \$3.6M
Design complete	\$3M
Project in design Under construction Project in design Design complete Under construction Project in design Under construction Design complete Total \$ for state:	\$3M \$3M \$2.5M \$2.4M \$1.6M \$1.5M \$1M \$1M
Permitting Planning and Design Planning and Design Planning and Design	\$32.5 M \$10.5 M \$12.5 M \$2.0 M
Out to Bid Planning and Design	\$6.7 M \$1.3 M \$400 K \$250 K \$250 K
Out to Bid Planning and Design Out to Bid Out to Bid Planning and Design Planning and Design	\$4.4 M \$1.7 M \$1.5 M \$3.0 M \$16.7 M \$157 K
Planning and Design Planning and Design	\$610 K \$6.4 M

Planning and Design Planning and Design Total \$ for state:	\$5.0 M \$2.5 M <b>\$108,367, 000</b>
	\$67.5M
	\$29.7M \$16.9M
Total \$ for state:	\$95M \$9.4M \$4.7M \$23.7M \$105M <b>\$351.9M</b>
Design and Construction Design and Construction Design and Construction Design and Construction Design Design Design and Construction Design and Construction Design and Construction Design and Construction Total \$ for state:	\$30M \$8M \$5M \$5M \$10M \$0.5M \$5.7M \$1.8M \$5M
Financial approval complete, final loan application complete, need to rebid, Construction 3-5 months	\$103.6M
Pending financial approval, final loan application and bidding. Construction 5/2017	\$58M
Financial approval complete, final loan application complete, bidding needs to be completed. Construction 3-5 months	\$52M
Pending financial approval, final loan application and bidding. Construction spring, 4/2017	\$50M
4/201/	
Final loan application complete, partial financial review complete, pending bidding.  Construction 5/2017	\$35M
Final loan application complete, partial financial review complete, pending bidding.	\$35M \$30M
Final loan application complete, partial financial review complete, pending bidding. Construction 5/2017	
Final loan application complete, partial financial review complete, pending bidding. Construction 5/2017  Pending financial approval, final loan application and bidding. Construction 4/2017  Financial approval needs completed, final loan application needs to be completed,	\$30M
Final loan application complete, partial financial review complete, pending bidding. Construction 5/2017  Pending financial approval, final loan application and bidding. Construction 4/2017  Financial approval needs completed, final loan application needs to be completed, needs to be rebid, construction 3/2017	\$30M \$29.8M

Pending financial approval, final loan application and bidding. Construction 4/2017	\$23.7M
Pending financial approval, final loan application and bidding. Construction spring 2017	\$19.7M
Bidding complete, financial approval complete, pending final loan application.  Construction spring 2017	\$15.3M
Financial approval complete, final loan application complete, bidding needs to be completed. Construction 3/2017	\$15M
Bidding complete, pending financial approval and final loan application. Construction 3/2017	\$12.1M
Financial approval complete, final loan application complete, bidding needs to be completed. Construction 3-5 months	\$12.1M
Bidding complete, financial approval complete, pending final loan application.  Construction spring 2017	\$10M
Pending financial approval, final loan application and bidding. Construction spring 2017	\$8.8M
Pending financial approval, final loan application and bidding. Construction 3/2017	\$8.5M
Bidding complete, pending financial approval and final loan application. Bids expire 3/2017 expected date of construction	\$4.9M
Environmental issues stalled, now restarting. Construction 3-5 months	\$4.5M
Environmental issues stalled, now restarting. Construction 3-5 months  Total \$ for state:	\$4.5M <b>\$546.5M</b>
Total \$ for state:	\$546.5M
Total \$ for state:  Ready to bid	<b>\$546.5M</b> \$68,340,000
Total \$ for state:  Ready to bid  Ready to bid	<b>\$546.5M</b> \$68,340,000 \$30,660,000
Total \$ for state:  Ready to bid  Ready to bid  Ready to construct	\$546.5M \$68,340,000 \$30,660,000 \$22,072,000
Total \$ for state:  Ready to bid  Ready to bid  Ready to construct  Ready to bid	\$546.5M \$68,340,000 \$30,660,000 \$22,072,000 \$21,432,000
Total \$ for state:  Ready to bid  Ready to bid  Ready to construct  Ready to bid  Ready to construct	\$546.5M \$68,340,000 \$30,660,000 \$22,072,000 \$21,432,000 \$19,927,000
Total \$ for state:  Ready to bid  Ready to bid  Ready to construct  Ready to bid  Ready to bid  Ready to bid	\$546.5M \$68,340,000 \$30,660,000 \$22,072,000 \$21,432,000 \$19,927,000 \$16,990,000
Total \$ for state:  Ready to bid  Ready to bid  Ready to construct  Ready to bid  Ready to bid  Ready to bid  In design	\$546.5M \$68,340,000 \$30,660,000 \$22,072,000 \$21,432,000 \$19,927,000 \$16,990,000 \$12,710,000
Total \$ for state:  Ready to bid  Ready to bid  Ready to construct  Ready to bid  Ready to construct  Ready to bid  In design	\$546.5M \$68,340,000 \$30,660,000 \$22,072,000 \$21,432,000 \$19,927,000 \$16,990,000 \$12,710,000 \$12,537,000
Total \$ for state:  Ready to bid  Ready to bid  Ready to construct  Ready to bid  Ready to construct  Ready to bid  In design  Ready to bid	\$546.5M \$68,340,000 \$30,660,000 \$22,072,000 \$21,432,000 \$19,927,000 \$16,990,000 \$12,710,000 \$12,537,000 \$10,900,000

Under construction	\$8,970,000
In design	\$7,716,000
In design	\$5,603,000
In design In design	\$5,368,000 \$4,608,000
Ready to bid	\$4,469,250
In design	\$4,347,000
Ready to bid	\$4,025,000
Ready to bid	\$2,902,945
Total \$ for state:	\$284,781,595
Design	\$12.2M
Design	\$3.4M
Plans submitted for approval	\$1.5M
Design	\$4M
Planning	\$2M
Design	\$2.2M
Planning and Design	\$1.2M
Final Phase of Design	\$17M
Planning	\$4M
Planning and Design	\$3.3M
Planning	\$700K
Plans under review	\$800K
Plans under review	\$3M
Planning and Design	\$700K
Planning and Design	\$4.1M
Planning and Design	\$900K
Planning	\$400K
Planning	\$250K
Planning and Design	\$330K
Planning and Design	\$1.4M
Total \$ for state:	\$63.38M
Under construction	\$350M
Design complete – bidding process	\$150M
Design complete – bidding process	\$162M
Design complete – bidding process	\$78M

Design Design complete – bidding process Planning & design Planning & design Under construction Total \$ for state:	\$29M \$36M \$48M \$51M \$35M <b>\$939M</b>
	\$14,267,000
Total \$ for state:	\$12,264,000 \$35,300,000 \$6,180,000 \$4,360,000 <b>\$72,371,000</b>
Final plans and Specs approved. In Bidding Process. Loan to close 2 <sup>nd</sup> quarter	\$4,875,000
Bid Award pending. Loan to close 3 <sup>rd</sup> quarter	\$17,125,000
SERP in process, Plans and Specs in review. Loan to close 3 <sup>rd</sup> quarter	\$3,250,000
Draft Plans and Specs in review. Loan to close 3 <sup>rd</sup> quarter	\$3,265,000
Planning, expecting alternative grant funds.	\$120,000,000
Planning. Loan to close 4 <sup>th</sup> quarter	\$5,735,000
Plans and Specs approved. Bid selection completed Loan to close 2 <sup>nd</sup> quarter	\$43,535,000
Plans and Specs Approved. In Bidding Process. Loan to close 2 <sup>nd</sup> quarter	\$5,450,000
Planning. Loan to close 3 <sup>rd</sup> quarter	\$30,230,000
Planning. May self-fund Plan to construct 3 <sup>rd</sup> quarter	\$2,000,000
Planning approved. Design in review. Loan to close 3 <sup>rd</sup> quarter	\$330,550,000
SERP drafted, in Bid Phase. Loan Closing 3 <sup>rd</sup> quarter	\$585,000
SERP clearance pending. Loan to close 3 <sup>rd</sup> quarter	\$37,490,000
Expect estimates in 1Q 2017	\$100,000,000
Draft Design stage. Loan Closing 4 <sup>th</sup> quarter.	\$415,000
Planning. May self-fund Plan to construct 4 <sup>th</sup> quarter	\$2,840,000
Planning. Loan Closing 4 <sup>th</sup> quarter	\$4,885,000
Planning. Loan Closing 4 <sup>th</sup> quarter	\$2,185,000
Planning and Design. Loan closing 4th quarter	\$5,000,000
Planning. Loan Closing 4 <sup>th</sup> quarter	\$5,935,000
2 <sup>nd</sup> quarter funding	\$2,020,000
2 <sup>nd</sup> quarter funding	\$3,978,000
2 <sup>nd</sup> quarter funding	\$2,119,000
2 <sup>nd</sup> quarter funding	\$5,470,000
2 <sup>nd</sup> quarter funding	\$2,000,000

2nd quarter funding	\$2,000,000
2nd quarter funding	\$6,000,000
3rd quarter funding	\$2,230,000
3rd quarter funding	\$3,000,000
2nd quarter funding	\$2,804,000
2nd quarter funding	\$2,142,000
2nd quarter funding	\$2,283,000
2nd quarter funding	\$1,450,000
3rd quarter funding	\$8,800,000
Total \$ for state:	\$771,646,000
iotai \$ 101 state.	\$771,040,000
	Ć2 F84
	\$2.5M \$2.2M
	\$2.2IVI \$1.8M
	\$1.8M
	\$2.8W
	\$70K \$305K
	\$305K \$261.2K
	\$422.5K
	\$3.3M
	\$1M
	\$203K
	\$2.1M
	\$1.3M
	\$14.3M
	\$1M
	\$8M
	\$8M
	\$3M
	\$175K
	\$463K
	\$3.5M
	\$65M
Total \$ for state:	\$193,699,700
Under construction	\$46M
Start construction April 2017	\$30M
Plans expected by May 31, 2017	\$26M
Issued construction permit	\$23M
Under construction	\$15M
Start construction April 2017	\$11M
Out to bid	\$10M
Start construction Sept 2017	\$6.6M
Issued construction permit	\$5,147,000
Start construction Sept 2017	\$3,832,316
Approved Pending Funding	\$1.5M

Start construction Sept 2017 \$1,112,000 Plans expected by Jan 31, 2017 \$1M Approved Pending EPA deviation approval \$876,400 \$816,500 Start construction Sept 2017 \$700K **Agency Reviewing Plans & Specs** Approved Pending Funding \$643,800 Approved Pending Funding \$499,600 Funding Awarded Sept 2016 \$473,600 Approved Pending Funding \$320K Total \$ for state: \$184,521,216 \$2.2M Design \$1.8M Design Design approved for construction \$230K Design \$1,485,000 \$905K Design \$436K Design \$5,461,815 Design Design \$13,209,100 Design \$1,356,315 Design \$3,315,490 Design \$2.5M \$1M Design \$990K Design \$1.65M Design Design \$300K \$1,070,565 Design \$12M Design Design \$30M \$10,240,000 Design Design \$5,622,877 Total \$ for state: \$49,737,162

Design phase with construction starting in 2017

\$20M

Design phase	\$8M
Conceptual design completed	\$4 mil
Conceptual design phase	\$14M
Discussion phase	\$2 mil
Discussion phase	\$1 mil
Fully designed and "shovel ready"	\$4.9M
Planning and Design	\$2M
Planning and Design	\$5.1M
	\$3.5M
Total \$ for state:	\$3.5M <b>\$64.5M</b>
Total \$ for state:  Funding approved Funding approved	
Funding approved	<b>\$64.5M</b> \$3.6M
Funding approved Funding approved	<b>\$64.5M</b> \$3.6M \$1.7M
Funding approved Funding approved Under construction	\$64.5M \$3.6M \$1.7M \$3M

Pending funding Total \$ for state:	\$1.4M \$0.58M \$4.7M \$6M \$1M \$0.4M \$0.4M \$4M \$59.655M
Feasibility study to commence in February 2017. Planning design and construction to take five years with completion in 2022	\$354M
Planning and design are underway for all components except the ocean outfall pipe replacement are ready to go out to contract and notice to proceed by July 2017. County has secured about \$325 million in grants and the rest in loans, but additional funding will be necesary to bolster these efforts and to expand the scope of work to reduce nitrogen loading to the ground and surface water.	\$383M
Construction underway; completion expected in August 2017. Awarded Grant.	\$220 M
Construction is ongoing through 2018. Awarded Grant.	\$117M
Construction will occur between Spring, 2017 through 2020. Awarded Grant.	\$23.8M
Construction at treatment plant is complete; Sewer repair work is ongoing, expected to be complete in Summer 2017. Awarded Grant.	\$20M
Construction through 2018. Awarded Grant.	\$14M
Construction during 2017 and into 2018. Awarded Grant.	\$12M
Construction ongoing through December, 2017. Awarded Grant.	\$12.6M
Construction to start in Spring 2017 and will be complete in the Spring of 2018.  Awarded Grant.  Construction through 2018 Awarded Grant.	\$12.4M \$11.7M
Construction to start in April 2017; completion expected in August 2018. Awarded Grant.	\$10.5M

Construction starting in late 2016 Awarded Grant.	\$6.9M
Construction underway; Completion expected in 2017. Awarded Grant.	\$6.8M
Construction to begin in Spring 2017; completion slated for December 2018. Awarded Grants.	\$6.2M
Construction scheduled to occur between August 2016 through December 2018. Awarded Grants.	\$6.2M
Construction start April 2017 Awarded Grant.	\$6M
Construction underway; completion expected in Spring 2017. Awarded Grant.	\$5.76M
Construction to commence March 2017; completion in May 2018. Awarded Grant.	\$5.5M
Under construction through 2019 Awarded Grant.	\$5M
Total \$ for state:	\$1,239,360,000
	\$775,000 \$3,886,000 \$6,167,000 \$5,000,000 \$200,000 \$2,751,000 \$840,000 \$1,759,000 \$2,677,000 \$455,000 \$4,968,000 \$2,500,000 \$1,400,000 \$1,400,000 \$550,000 \$500,000 \$1,000,000 \$7,500,000 \$500,000 \$2,000,000

\$5,800,000
\$4,800,000
\$2,751,200
\$420,000
\$2,500,000
\$3,600,000
\$1,700,000
\$5,244,000
\$2,000,000
\$5,000,000
\$500,000
\$5,000,000
\$5,000,000
\$2,000,000
\$5,000,000
\$7,000,000
\$2,000,000
\$2,000,000
\$1,500,000
\$116,143,200

## Total \$ for state:

Design approval pending \$14.5M Mid-design stage \$30M Initial design stage \$12.5M \$25M Design submittal \$21.4M Awaiting project approval/funding \$6M Awaiting design submittal Design approved \$7.2M \$21.9M Initial design stage Awaiting design submittal \$6.5M Awaiting design submittal \$15M \$150M Received final design

Awaiting design submittal \$139.5M

Awaiting approval/out to bid \$32.8M Awaiting plan approval \$13.1M

Awaiting design submittal \$2.9M

Design under review \$48.5M Awaiting design submittal \$76.4M

Initial design stage \$5.6M

Planning/design stage \$26M
Design being completed \$25.65M
Total \$ for state: \$680.45M

Funding approved; plans & specifications (P&S) approved	\$2.5M
Construction contracts signed	\$885K
Out to bid	\$16M
Funding approved	\$30M
Funding approved	\$17M
Funding approved	\$7.5M
Funding approved; P&S approved	\$2M
Funding approved	\$800K
Planning & design	\$31M
Planning & design	\$4.4M
Planning & design	\$3.5M
Planning & design	\$400M
Planning & design	\$10M
Planning & design	\$6.1M
Planning & design	\$3.5M
Funding approved	\$21M
Funding approved	\$10M
Planning & design	\$21M
Planning & design	\$38M
Planning & design	\$17M
Total \$ for state:	\$642.185M
Final Design Complete	\$3.2M
Final Design Complete  Final Design Complete	\$3.21VI \$3M
Final Design Complete	\$1M
Final Design Under Review	\$9.5M
Final Design Underway	\$875K
Final Design Underway	\$2.5M
Final Design Underway	\$500K
Bid Awarded	\$587K
Bid Awarded	\$1.5M
Out To Bid	\$4.6M
Final Design Underway	\$20M
Final Design Underway	\$6M
Approved Plans & Specs	
Final Design Underway	\$5 XM
Approved Plans & Specs	\$5.8M \$21M
	\$21M
···	\$21M \$1.6M
Final Design Under Review	\$21M \$1.6M \$300K
Final Design Under Review Final Design Underway	\$21M \$1.6M \$300K \$750K
Final Design Under Review Final Design Underway Final Design Approved	\$21M \$1.6M \$300K \$750K \$10K
Final Design Under Review Final Design Underway Final Design Approved Borrowing in Spring 2017 for design, environmental review and construction	\$21M \$1.6M \$300K \$750K \$10K \$6M
Final Design Under Review Final Design Underway Final Design Approved  Borrowing in Spring 2017 for design, environmental review and construction Final Design Under Review	\$21M \$1.6M \$300K \$750K \$10K \$6M \$2.2M
Final Design Under Review Final Design Underway Final Design Approved Borrowing in Spring 2017 for design, environmental review and construction Final Design Under Review Bid Awarded	\$21M \$1.6M \$300K \$750K \$10K \$6M \$2.2M \$3.3M
Final Design Under Review Final Design Underway Final Design Approved  Borrowing in Spring 2017 for design, environmental review and construction Final Design Under Review	\$21M \$1.6M \$300K \$750K \$10K \$6M \$2.2M

Borrowing in Spring 2017 for design, environmental review and construction	\$1.75M
Borrowing in Spring 2017 for construction Out to bid for a DBO team Total \$ for state:	\$18M \$40M <b>\$155,072,000</b>
Planning and Design	\$14M
Planning and Design	\$300K
Planning and Design	\$700K
Planning and Design	\$350K
Planning and Design	\$3.6M
Planning and Design	\$830K
Planning and Design	\$1.1M
Total \$ for state:	\$20.91M
Total \$ for state:	\$18M \$10M \$710K \$470K \$970K \$4.1 M <b>\$34.25M</b>
Approved plans & specifications. Bid ready/underway/completed.	\$563,300
Approved plans & specifications. Bid ready/underway/completed.	\$371,188
Approved plans & specifications. Bid ready/underway/completed.	\$533,174
Approved plans & specifications. Bid ready/underway/completed.	\$9,265,000
Approved plans & specifications. Bid ready/underway/completed.	\$611
Approved plans & specifications. Bid ready/underway/completed.	\$4,087,910
Approved plans & specifications. Bid ready/underway/completed.	\$1,081,700
Approved plans & specifications. Bid ready/underway/completed.	\$5,561,974

Approved plans & specifications. Bid ready/underway/completed.	\$245,833
Total \$ for state:	\$21,710,690
Planning and Design	\$274,404
Planning and Design	\$9,226,500
Planning and Design	\$330,000
Planning and Design	\$2,430,456
Planning and Design	\$1,340,000
Planning and Design	\$2,946,900
Planning and Design	\$2,049,380
Planning and Design	\$505,103
Planning and Design	540,000
Planning and Design	\$380,000
Planning and Design	\$880,000
Planning and Design	\$1,485,000
Planning and Design	\$1,273,000
Planning and Design	\$6,859,042
Planning and Design	\$514,100
Planning and Design	\$421,713
Planning and Design	\$466,200
Planning and Design	\$3,642,975
Planning and Design	5,643,944
Planning and Design	5,312,730
Total \$ for state:	\$35,024,773